ELSEVIER

Journal of Inorganic Biochemistry 69 (1998) 307–309

JOURNAL OF Inorganic Biochemistry

Author Index (Vol. 69)

Ackrill, P., see Popplewell, J.F. (69) 177
Albertini, R., see Casas, J.S. (69) 283
Aletras, V., see Karaliota, A. (69) 79
Alonso, C., see Quiroga, A.G. (69) 275
Anderson, G.L., see McNellis, L. (69) 253
Attaelmannan, M.A., see Reid, R.S. (69) 59

Bányai, I., see Kiss, E. (69) 145
Bacchi, A., Bonardi, A., Carcelli, M., Mazza, P., Pelagatti, P., Pelizzi, C., Pelizzi, G., Solinas, C. and Zani, F.
Organotin complexes with pyrrole-2,5-dicarboxaldehyde bis(acylhydrazones). Synthesis, structure, antimicrobial activity and genotoxicity (69) 101
Bae, W. and Mehra, R.K.
Properties of glutathione- and phytochelatin-capped CdS bionanocrystallites (69) 33
Battistuzzi, G., Borsari, M., Loschi, L. and Sola, M.
Redox properties of the basic blue protein (plantacyanin) from spinach (69) 97
Bellia, J.P., see Roberts, N.B. (69) 171
Boddin, M., see Meier, R. (69) 249
Bonardi, A., see Bacchi, A. (69) 101
Bonati, A., see Casas, J.S. (69) 283
Borsari, M., see Battistuzzi, G. (69) 97
Bragadin, M., Marton, D., Murgia, M., Rizzoli, V., Scutari, G. and Deana, R.
Interactions of trialkyllead compounds with rat liver mitochondria (69) 259

Cantón, E., see Ruíz, M. (69) 231
Carcelli, M., see Bacchi, A. (69) 101
Casas, J.S., Rodríguez-Argüelles, M.C., Russo, U., Sánchez, A., Sordo, J., Vázquez-López, A., Pinelli, S., Lunghi, P., Bonati, A. and Albertini, R.
Diorganotin(IV) complexes of pyridoxal thiosemicarbazone: Synthesis, spectroscopic properties and biological activity (69) 283
Castranova, V., see Shi, X. (69) 263
Chen, B., see Cheng, Y. (69) 1
Cheng, Y., Chen, B., Lu, J. and Wang, K.
The reaction of lanthanide ions with *n*-doxyl stearic acids and its utilization for the ESR study on the permeability of lipid-bilayer of erythrocyte membrane to gadolinium ions (69) 1
Chruścińska, E., Olczak, J., Zabrocki, J., Dyba, M., Micera, G., Sanna, D. and Kozłowski, H.
Specific interactions of bovine and human β-casomorphin-7 with Cu(II) ions (69) 91
Cieślik, K., see Oszajca, J. (69) 121
Clough, A., see Roberts, N.B. (69) 171
Cresswell, R.G., see Popplewell, J.F. (69) 177
Criado, J.J., Rodríguez-Fernández, E., García, E., Hermosa, M.R. and Monte, E.
Thiourea derivatives of α-aminoacids. Synthesis and characterization of Ni(II), Cu(II) and Pt(II) complexes with L-valinate derivatives. Antifungal activity (69) 113

Daikh, B.E., see Fleming, P.E. (69) 45
Day, J.P., see Popplewell, J.F. (69) 177
Deana, R., see Bragadin, M. (69) 259
Deligiannakis, Y., see Kovala-Demertzi, D. (69) 223
Demertzis, M.A., see Kovala-Demertzi, D. (69) 223
Díaz, M.R., see Ruíz, M. (69) 231
di Tada, M.L., see Popplewell, J.F. (69) 177
Dixon, D.W. and Steullet, V.
Dimerization of tetracationic porphyrins: ionic strength dependence (69) 25
Duan, J. and Gregory, J.
The influence of silicic acid on aluminium hydroxide precipitation and flocculation by aluminium salts (69) 193
Dyba, M., see Chruścińska, E. (69) 91

Edwardson, J.A., see Taylor, G.A. (69) 165
Exley, C., see Korchazhkina, O. (69) 153
Exley, C.
Silicon in life : A bioinorganic solution to bioorganic essentiality (69) 139

Ferrier, I.N., see Taylor, G.A. (69) 165
Fifield, L.K., see Popplewell, J.F. (69) 177
Finke, R.G., see Fleming, P.E. (69) 45
Fleming, P.E., Daikh, B.E. and Finke, R.G.
The coenzyme B_{12} derivative *N*1-methyl-5′-deoxyadenosylcobalamin: Synthesis, characterization, stability towards dimroth rearrangement, and Co–C thermolysis product and kinetic studies (69) 45

Gannett, P.M., see Shi, X. (69) 263
García, E., see Criado, J.J. (69) 113
García-Granda, S., see Ruíz, M. (69) 231
Golubev, V.A., see Shugalii, A.V. (69) 67
Gregory, J., see Duan, J. (69) 193
Gryglewski, T.A.B.R.J., see Oszajca, J. (69) 121

Hadjikakou, S.K., see Kovala-Demertzi, D. (69) 223
Hadjipanagioti, D., see Karaliota, A. (69) 79
Hamza, M.S.A.
Effect of ester side chains and solvent polarity on the electronic spectra and coordination chemistry of aquacyanocobyrinic acid heptamethylester (69) 269
Hermosa, M.R., see Criado, J.J. (69) 113
Hunter, T.C. and Mehra, R.K.
A role for *HEM2* in cadmium tolerance (69) 293

Inoue, S., see Yano, S. (69) 15

Jakubowski, A., see Oszajca, J. (69) 121

Kakuchi, T., see Yano, S. (69) 15
Kamariotaki, M., see Karaliota, A. (69) 79
Karaliota, A., Kamariotaki, M., Hadjipanagioti, D. and Aletras, V.
Molybdenum catecholates as models for Mo in biological systems.

0162-0134/98/$19.00 © 1998 Elsevier Science Inc. All rights reserved.
PII: S0162-0134(97)10001-0

1. Synthesis and spectroscopic study on Mo complexes with 3,4-dihydroxybenzoic and 3,4-dihydroxyphenylacetic acid (69) 79
Kato, M., see Yano, S. (69) 15
Keeling-Tucker, T., see Perry, C.C. (69) 181
Kim, J.Y., see Roberts, N.B. (69) 171
King, S.J., see Popplewell, J.F. (69) 177
Kiss, E., Lakatos, A., Bányai, I. and Kiss, T.
Interactions of Al(III) with phosphorylated amino acids (69) 145
Kiss, T., see Kiss, E. (69) 145
Korchazhkina, O., Wright, G. and Exley, C.
Action of Al-ATP on the isolated working rat heart (69) 153
Kovala-Demertzi, D., Hadjikakou, S.K., Demertzis, M.A. and Deligiannakis, Y.
Metal ion–drug interactions. Preparation and properties of manganese (II), cobalt (II) and nickel (II) complexes of diclofenac with potentially interesting anti-inflammatory activity: Behavior in the oxidation of 3,5-di-*tert*-butyl-*o*-catechol (69) 223
Kozłowski, H., see Chruścińska, E. (69) 91
Kulikov, A.V., see Shugalii, A.V. (69) 67

Lakatos, A., see Kiss, E. (69) 145
Leonard, S.S., see Shi, X. (69) 263
Levy, R., Shohat, L. and Solomon, B.
Specificity of an anti-aluminium monoclonal antibody toward free and protein-bound aluminium (69) 159
Lichina, M.V., see Shugalii, A.V. (69) 67
Liu, K., see Popplewell, J.F. (69) 177
Liu, K.J., see Shi, X. (69) 263
López-Solera, I., see Quiroga, A.G. (69) 275
Loschi, L., see Battistuzzi, G. (69) 97
Lu, J., see Cheng, Y. (69) 1
Lunghi, P., see Casas, J.S. (69) 283

Marton, D., see Bragadin, M. (69) 259
Masaguer, J.R., see Quiroga, A.G. (69) 275
Mazza, P., see Bacchi, A. (69) 101
McNellis, L. and Anderson, G.L.
Redox-state dependent chemical inactivation of arsenite oxidase (69) 253
Mehra, R.K., see Bae, W. (69) 33
Mehra, R.K., see Hunter, T.C. (69) 293
Meier, R., Boddin, M., Mitzenheim, S., Schmid, V. and Schönherr, T.
Elucidation of V(III) complex coordination numbers by electronic spectra (69) 249
Menabue, L., Saladini, M. and Ugoletti, N.
Metal(II) binding by natural ionic glycosides: A solution study on 2,2′-bipyridine containing ternary systems of Cu(II) and Ni(II) with lactobionic acid (69) 217
Micera, G., see Chruścińska, E. (69) 91
Mikata, Y., see Yano, S. (69) 15
Mitzenheim, S., see Meier, R. (69) 249
Mogami, K., see Yano, S. (69) 15
Monte, E., see Criado, J.J. (69) 113
Montero, E.I., see Quiroga, A.G. (69) 275
Moore, P.B., see Taylor, G.A. (69) 165
Murgia, M., see Bragadin, M. (69) 259
Murphy, C.J., see Nair, R.B. (69) 129
Murphy, C.J., see Nair, R.B. (69) 135

Nagano, H., see Nomiya, K. (69) 9
Nair, R.B. and C.J. Murphy,
Book Review of "NMR of Paramagnetic Substances," by Bertini and Luchinat (69) 135
Nair, R.B. and Murphy, C.J.
On the interaction of $[Ru(phen)_2dppz]^{2+}$ (dppz = dipyrido[3,2-*a*:2′,3′-*c*]phenazine) with different oligonucleotides (69) 129
Navarro-Ranninger, C., see Quiroga, A.G. (69) 275
Nomiya, K., Tsuda, K., Tanabe, Y. and Nagano, H.
Transformation of polymeric silver(I) imidazolate to monomeric imidazolatotris(triphenylphosphine) silver(I) complex. Synthesis of $[Ag(imd)(PPh_3)_3]$ (Himd = Imidazole) and its characterization in the solid-state and in solution (69) 9
Nouchi, R., see Yano, S. (69) 15

Olczak, J., see Chruścińska, E. (69) 91
Ortiz, R., see Ruíz, M. (69) 231
Oszajca, J., Stochel, G., Wasielewska, E., Stasicka, Z., Gryglewski, T.A.B.R.J., Jakubowski, A. and Cieślik, K.
Cyanonitrosylmetallates as potential NO-donors (69) 121

Pelagatti, P., see Bacchi, A. (69) 101
Pelizzi, C., see Bacchi, A. (69) 101
Pelizzi, G., see Bacchi, A. (69) 101
Perelló, L., see Ruíz, M. (69) 231
Pérez, J.M., see Quiroga, A.G. (69) 275
Perry, C.C. and Keeling-Tucker, T.
Aspects of the bioinorganic chemistry of silicon in conjunction with the biometals calcium, iron and aluminium (69) 181
Pinelli, S., see Casas, J.S. (69) 283
Popplewell, J.F., King, S.J., Day, J.P., Ackrill, P., Fifield, L.K., Cresswell, R.G., di Tada, M.L. and Liu, K.
Kinetics of uptake and elimination of silicic acid by a human subject: A novel application of ^{32}Si and accelerator mass spectrometry (69) 177

Quiroga, A.G., Pérez, J.M., López-Solera, I., Montero, E.I., Masaguer, J.R., Alonso, C. and Navarro-Ranninger, C.
Binuclear chloro-bridged palladated and platinated complexes derived from *p*-isopropylbenzaldehyde thiosemicarbazone with cytotoxicity against cisplatin resistant tumor cell lines (69) 275

Reid, R.S. and Attaelmannan, M.A.
NMR studies of copper speciation in the bovine rumen environment (69) 59
Rizzoli, V., see Bragadin, M. (69) 259
Roberts, N.B., Clough, A., Bellia, J.P. and Kim, J.Y.
Increased absorption of aluminium from a normal dietary intake in dementia (69) 171
Rodríguez-Argüelles, M. C., see Casas, J.S. (69) 283
Rodríguez-Fernández, E., see Criado, J.J. (69) 113
Rojanasakul, Y., see Shi, X. (69) 263
Ruíz, M., Perelló, L., Server-Carrió, J., Ortiz, R., García-Granda, S., Díaz, M.R. and Cantón, E.
Cinoxacin complexes with divalent metal ions. Spectroscopic characterization. Crystal structure of a new dinuclear Cd(II) complex having two chelate-bridging carboxylate groups. Antibacterial studies (69) 231
Russo, U., see Casas, J.S. (69) 283

Sánchez, A., see Casas, J.S. (69) 283
Saladini, M., see Menabue, L. (69) 217
Sanna, D., see Chruścińska, E. (69) 91
Schönherr, T., see Meier, R. (69) 249
Schmid, V., see Meier, R. (69) 249
Scutari, G., see Bragadin, M. (69) 259
Sen', V.D., see Shugalii, A.V. (69) 67
Server-Carrió, J., see Ruíz, M. (69) 231
Shi, X., Leonard, S.S., Liu, K.J., Zang, L., Gannett, P.M., Rojanasakul, Y., Castranova, V. and Vallyathan, V.
Cr(III)-mediated hydroxyl radical generation via Haber-Weiss cycle (69) 263
Shinohara, Y., see Yano, S. (69) 15

Shohat, L., see Levy, R. (69) 159
Shugalii, A.V., Kulikov, A.V., Lichina, M.V., Golubev, V.A. and Sen', V.D.
Binding of platinum-diaminonitroxyl complexes to animal DNA (69) 67
Sola, M., see Battistuzzi, G. (69) 97
Solinas, C., see Bacchi, A. (69) 101
Solomon, B., see Levy, R. (69) 159
Sordo, J., see Casas, J.S. (69) 283
Stasicka, Z., see Oszajca, J. (69) 121
Steullet, V., see Dixon;, D.W. (69) 25
Stevens, C.
Environmental degradation pathways for the breakdown of polydimethylsiloxanes (69) 203
Stochel, G., see Oszajca, J. (69) 121
Subramanyam, C., see Suresh, K. (69) 209
Suresh, K. and Subramanyam, C.
Polyphenols are involved in copper binding to cell walls of *Neurospora crassa* (69) 209
Suzuki, T., see Yano, S. (69) 15

Tanabe, Y., see Nomiya, K. (69) 9
Tanase, T., see Yano, S. (69) 15
Taylor, G.A., Moore, P.B., Ferrier, I.N., Tyrer, S.P. and Edwardson, J.A.
Gastrointestinal absorption of aluminium and citrate in man (69) 165
Tsuda, K., see Nomiya, K. (69) 9
Tyrer, S.P., see Taylor, G.A. (69) 165

Ugoletti, N., see Menabue, L. (69) 217

Vázquez-López, A., see Casas, J.S. (69) 283
Vallyathan, V., see Shi, X. (69) 263

Wang, K., see Cheng, Y. (69) 1
Wasielewska, E., see Oszajca, J. (69) 121
Wright, G., see Korchazhkina, O. (69) 153

Yamamoto, Y., see Yano, S. (69) 15
Yano, S., Inoue, S., Nouchi, R., Mogami, K., Shinohara, Y., Yasuda, Y., Kato, M., Tanase, T., Kakuchi, T., Mikata, Y., Suzuki, T. and Yamamoto, Y.
Antifungal nickel(II) complexes derived from amino sugars against pathogenic yeast, *Candida albicans* (69) 15
Yasuda, Y., see Yano, S. (69) 15

Zabrocki, J., see Chruścińska, E. (69) 91
Zang, L., see Shi, X. (69) 263
Zani, F., see Bacchi, A. (69) 101

ELSEVIER

Journal of Inorganic Biochemistry 69 (1998) 311–314

JOURNAL OF Inorganic Biochemistry

Subject Index (Vol. 69)

Absorption spectroscopy
Glutathione; Phytochelatins; Cd(II)-binding; CdS; Nanocrystallites; Fluorescence (Bae, W. (69) 33)

Absorption
Aluminium; Citric acid; Gastrointestinal; Renal; Excretion (Taylor, G.A. (69) 165)

Acylhydra zones
Organotin complexes; Antimicrobial activity; Genotoxicity; Pyrole-2,5 dicarboxaldehyde (Bacchi, A. (69) 101)

Age
Aluminium; Silicon; Diet; Dementia (Roberts, N.B. (69) 171)

Aluminium (in Biology)
Silicon (in Biology); Catchment Acidification; Global Warming; Biochemical Evolution. (Exley, C. (69) 139)

Aluminium
Citric acid; Gastrointestinal; Absorption; Renal; Excretion (Taylor, G.A. (69) 165)

Monoclonal antibody; Bovine serum albumin (Levy, R. (69) 159)

Silicon; Diet; Dementia; Age (Roberts, N.B. (69) 171)

Silicon; Silica; Calcium; Iron; Biomineralisation (Perry, C.C. (69) 181)

δ-Aminolevulinic acid dehydratase
Glutathione; Phytochelatins; Porphobilinogen synthase (Hunter, T.C. (69) 293)

Amino sugar
Antifungal nickel(II) complex; Nickel(II) complexes of *N*-Glycoside; *Candida albicans*; Crystal structure (Yano, S. (69) 15)

Antibacterial study
Cinoxacin complexes; Dinucleas complexes; Crystal structure (Ruíz, M. (69) 231)

Antifungal nickel(II) complex
Nickel(II) complexes of *N*-Glycoside; Amino sugar; *Candida albicans*; Crystal structure (Yano, S. (69) 15)

Antimicrobial activity
Organotin complexes; Acylhydra zones; Genotoxicity; Pyrole-2,5 dicarboxaldehyde (Bacchi, A. (69) 101)

Aquacyanocobyrinic acid heptamethylester
Hydrophobic vitamin B12; Equilibrium constants; Nitrogenous bases; Solvent polarity (Hamza, M.S.A. (69) 269)

Aromatase
Peroxoiron (III); Cytochrome P-450; Deformylation (Goto, Y. (69) 241)

Arsenite oxidase
Oxomolybdenum enzyme; Diethylpyrocarbonate; Histidine (McNellis, L. (69) 253)

Biochemical evolution
Silicon (in Biology); Aluminium (in Biology); Catchment Acidification; Global Warming (Exley, C. (69) 139)

Biological activity studies
Diorganotine complexes; Pyridoxal thiosemicarbazone complexes (Casas, J.S. (69) 283)

Biomineralisation
Silicon; Silica; Aluminium; Calcium; Iron (Perry, C.C. (69) 181)

Blue copper proteins
Spinach plantacyanin; Electrochemistry; Redox potential; Redox thermodynamics (Battistuzzi, G. (69) 97)

Bovine rumen
Copper (II) speciation; Lysine; Metal ion (Reid, R.S. (69) 59)

Bovine serum albumin
Monoclonal antibody; Aluminium (Levy, R. (69) 159)

bpy, 2,2′bipyridine
HLBA, lactobionic acid [4-O-β-galactopyranosyl-D-gluconic acid]; LBA, lactobionictul monoanion; M, Cu^{2+} or Ni^{2+}; tsgly, 4-toluenesulfonylglycine; tsval, 4-toluenesulfonylvaline (Menabue, L. (69) 217)

Calcium
Silicon; Silica; Aluminium; Iron; Biomineralisation (Perry, C.C. (69) 181)

Candida albicans
Antifungal nickel(II) complex; Nickel(II) complexes of *N*-Glycoside; Amino sugar; Crystal structure (Yano, S. (69) 15)

Catchment acidification
Silicon (in Biology); Aluminium (in Biology); Global Warming; Biochemical Evolution. (Exley, C. (69) 139)

Cd(II)-binding
Glutathione; Phytochelatins; CdS; Nanocrystallites; Absorption spectroscopy; Fluorescence (Bae, W. (69) 33)

CdS
Glutathione; Phytochelatins; Cd(II)-binding; Nanocrystallites; Absorption spectroscopy; Fluorescence (Bae, W. (69) 33)

0162-0134/98/$19.00 © 1998 Elsevier Science Inc. All rights reserved.
PII: S0162-0134(97)10001-0

Cell walls
Copper toxicity; *Neurospora crassa*; Nitrate utilization; Polyphenols; Tyrosinase (Suresh, K. (69) 209)

Cinoxacin complexes
Dinucleas complexes; Crystal structure; Antibacterial study (Ruíz, M. (69) 231)

Cisplatin
Platinum; Nitroxyl radicals; DNA; Platination (Shugalii, A.V. (69) 67)

Thiosemicarbazone; Cytotoxicity, DNA cross-links (Quiroga, A.G. (69) 275)

Citric acid
Aluminium; Gastrointestinal; Absorption; Renal; Excretion (Taylor, G.A. (69) 165)

Copper (II) speciation
Bovine rumen; Lysine; Metal ion (Reid, R.S. (69) 59)

Copper toxicity
Cell walls; *Neurospora crassa*; Nitrate utilization; Polyphenols; Tyrosinase (Suresh, K. (69) 209)

Crystal structure
Antifungal nickel(II) complex; Nickel(II) complexes of *N*-Glycoside; Amino sugar; *Candida albicans* (Yano, S. (69) 15)

Cinoxacin complexes; Dinucleas complexes; Antibacterial study (Ruíz, M. (69) 231)

Cytochrome P-450
Peroxoiron (III); Aromatase; Deformylation (Goto, Y. (69) 241)

Cytotoxicity, DNA cross-links
Cisplatin; Thiosemicarbazone (Quiroga, A.G. (69) 275)

Deformylation
Peroxoiron (III); Cytochrome P-450; Aromatase; (Goto, Y. (69) 241)

Dementia
Aluminium; Silicon; Diet; Age (Roberts, N.B. (69) 171)

Diet
Aluminium; Silicon; Dementia; Age (Roberts, N.B. (69) 171)

Diethylpyrocarbonate
Oxomolybdenum enzyme; Histidine; Arsenite oxidase (McNellis, L. (69) 253)

Dimerization
Porphyrin; Ionic strength; TMPyP4; TMAP (Dixon, D.W. (69) 25)

Dinucleas complexes
Cinoxacin complexes; Crystal structure; Antibacterial study (Ruíz, M. (69) 231)

Diorganotine complexes
Pyridoxal thiosemicarbazone complexes; Biological activity studies (Casas, J.S. (69) 283)

DNA probe
Oligonucleotides; Ru; dppz (Nair, R.B. (69) 129)

DNA
Platinum; Nitroxyl radicals; Platination; Cisplatin (Shugalii, A.V. (69) 67)

dppz
Oligonucleotides; Ru; DNA probe (Nair, R.B. (69) 129)

Electrochemistry
Blue copper proteins; Spinach plantacyanin; Redox potential; Redox thermodynamics (Battistuzzi, G. (69) 97)

Equilibrium constants
Hydrophobic vitamin B12; Aquacyanocobyrinic acid heptamethylester; Nitrogenous bases; Solvent polarity (Hamza, M.S.A. (69) 269)

Excretion
Aluminium; Citric acid; Gastrointestinal; Absorption; Renal (Taylor, G.A. (69) 165)

Fluorescence
Glutathione; Phytochelatins; Cd(II)-binding; CdS; Nanocrystallites; Absorption spectroscopy (Bae, W. (69) 33)

Gastrointestinal
Aluminium; Citric acid; Absorption; Renal; Excretion (Taylor, G.A. (69) 165)

Genotoxicity
Organotin complexes; Acylhydra zones; Antimicrobial activity; Pyrole-2,5 dicarboxaldehyde (Bacchi, A. (69) 101)

Global warming
Silicon (in Biology); Aluminium (in Biology); Catchment Acidification; Biochemical Evolution. (Exley, C. (69) 139)

Glutathione
δ-Aminolevulinic acid dehydratase; Phytochelatins; Porphobilinogen synthase (Hunter, T.C. (69) 293)

Phytochelatins; Cd(II)-binding; CdS; Nanocrystallites; Absorption spectroscopy; Fluorescence (Bae, W. (69) 33)

Histidine
Oxomolybdenum enzyme; Diethylpyrocarbonate; Arsenite oxidase (McNellis, L. (69) 253)

HLBA, lactobionic acid [4-O-β-galactopyranosyl-D-gluconic acid]
LBA, lactobionictul monoanion; bpy, 2,2′bipyridine; M, Cu^{2+} or Ni^{2+}; tsgly, 4-toluenesulfonylglycine; tsval, 4-toluenesulfonylvaline (Menabue, L. (69) 217)

Hydrophobic vitamin B12
Aquacyanocobyrinic acid heptamethylester; Equilibrium constants; Nitrogenous bases; Solvent polarity (Hamza, M.S.A. (69) 269)

Ionic strength
Porphyrin; Dimerization; TMPyP4; TMAP (Dixon, D.W. (69) 25)

Iron
Silicon; Silica; Aluminium; Calcium; Biomineralisation (Perry, C.C. (69) 181)

LBA, lactobionictul monoanion
HLBA, lactobionic acid [4-O-β-galactopyranosyl-D-gluconic acid]; bpy, 2,2′bipyridine; M, Cu^{2+} or Ni^{2+}; tsgly, 4-toluenesulfonylglycine; tsval, 4-toluenesulfonylvaline (Menabue, L. (69) 217)

Liver mitochondria
Trialkyllead; Uncoupling effect; Toxicity (Bragadin, M. (69) 259)

Lysine
Copper (II) speciation; Bovine rumen; Metal ion (Reid, R.S. (69) 59)

M, Cu^{2+} or Ni^{2+}
HLBA, lactobionic acid [4-O-β-galactopyranosyl-D-gluconic acid]; LBA, lactobionictul monoanion; bpy, 2,2'bipyridine; tsgly, 4-toluenesulfonylglycine; tsval, 4-toluenesulfonylvaline (Menabue, L. (69) 217)

Metal ion
Copper (II) speciation; Bovine rumen; Lysine (Reid, R.S. (69) 59)

Monoclonal antibody
Bovine serum albumin; Aluminium (Levy, R. (69) 159)

Nanocrystallites
Glutathione; Phytochelatins; Cd(II)-binding; CdS; Absorption spectroscopy; Fluorescence (Bae, W. (69) 33)

Neurospora crassa
Cell walls; Copper toxicity; Nitrate utilization; Polyphenols; Tyrosinase (Suresh, K. (69) 209)

Nickel(II) complexes of *N*-Glycoside
Antifungal nickel(II) complex; Amino sugar; *Candida albicans*; Crystal structure (Yano, S. (69) 15)

Nitrate utilization
Cell walls; Copper toxicity; *Neurospora crassa*; Polyphenols; Tyrosinase (Suresh, K. (69) 209)

Nitrogenous bases
Hydrophobic vitamin B12; Aquacyanocobyrinic acid heptamethylester; Equilibrium constants; Solvent polarity (Hamza, M.S.A. (69) 269)

Nitroxyl radicals
Platinum; DNA; Platination; Cisplatin (Shugalii, A.V. (69) 67)

Oligonucleotides
Ru; dppz; DNA probe (Nair, R.B. (69) 129)

Organotin complexes
Acylhydra zones; Antimicrobial activity; Genotoxicity; Pyrole-2,5 dicarboxaldehyde (Bacchi, A. (69) 101)

Oxomolybdenum enzyme
Diethylpyrocarbonate; Histidine; Arsenite oxidase (McNellis, L. (69) 253)

Peroxoiron (III)
Cytochrome P-450; Aromatase; Deformylation (Goto, Y. (69) 241)

Phytochelatins
δ-Aminolevulinic acid dehydratase; Glutathione; Porphobilinogen synthase (Hunter, T.C. (69) 293)

Glutathione; Cd(II)-binding; CdS; Nanocrystallites; Absorption spectroscopy; Fluorescence (Bae, W. (69) 33)

Platination
Platinum; Nitroxyl radicals; DNA; Cisplatin (Shugalii, A.V. (69) 67)

Platinum
Nitroxyl radicals; DNA; Platination; Cisplatin (Shugalii, A.V. (69) 67)

Polyphenols
Cell walls; Copper toxicity; *Neurospora crassa*; Nitrate utilization; Tyrosinase (Suresh, K. (69) 209)

Porphobilinogen synthase
δ-Aminolevulinic acid dehydratase; Glutathione; Phytochelatins; (Hunter, T.C. (69) 293)

Porphyrin
Dimerization; Ionic strength; TMPyP4; TMAP (Dixon, D.W. (69) 25)

Pyridoxal thiosemicarbazone complexes
Diorganotine complexes; Biological activity studies (Casas, J.S. (69) 283)

Pyrole-2,5 dicarboxaldehyde
Organotin complexes; Acylhydra zones; Antimicrobial activity; Genotoxicity (Bacchi, A. (69) 101)

Redox potential
Blue copper proteins; Spinach plantacyanin; Electrochemistry; Redox thermodynamics (Battistuzzi, G. (69) 97)

Redox thermodynamics
Blue copper proteins; Spinach plantacyanin; Electrochemistry; Redox potential (Battistuzzi, G. (69) 97)

Renal
Aluminium; Citric acid; Gastrointestinal; Absorption; Excretion (Taylor, G.A. (69) 165)

Ru
Oligonucleotides; dppz; DNA probe (Nair, R.B. (69) 129)

Silica
Silicon; Aluminium; Calcium; Iron; Biomineralisation (Perry, C.C. (69) 181)

Silicon (in Biology)
Aluminium (in Biology); Catchment Acidification; Global Warming; Biochemical Evolution. (Exley, C. (69) 139)

Silicon
Aluminium; Diet; Dementia; Age (Roberts, N.B. (69) 171)

Silica; Aluminium; Calcium; Iron; Biomineralisation (Perry, C.C. (69) 181)

Solvent polarity
Hydrophobic vitamin B12; Aquacyanocobyrinic acid heptamethylester; Equilibrium constants; Nitrogenous bases (Hamza, M.S.A. (69) 269)

Spinach plantacyanin
Blue copper proteins; Electrochemistry; Redox potential; Redox thermodynamics (Battistuzzi, G. (69) 97)

Thiosemicarbazone
Cisplatin; Cytotoxicity, DNA cross-links (Quiroga, A.G. (69) 275)

TMAP
Porphyrin; Dimerization; Ionic strength; TMPyP4 (Dixon, D.W. (69) 25)

TMPyP4
Porphyrin; Dimerization; Ionic strength; TMAP (Dixon, D.W. (69) 25)

Toxicity
Liver mitochondria; Trialkyllead; Uncoupling effect (Bragadin, M. (69) 259)

Trialkyllead
Liver mitochondria; Uncoupling effect; Toxicity (Bragadin, M. (69) 259)

tsgly, 4-toluenesulfonylglycine
HLBA, lactobionic acid [4-O-β-galactopyranosyl-D-gluconic acid]; LBA, lactobionictul monoanion; bpy, 2,2′bipyridine; M, Cu^{2+} or Ni^{2+}; tsval, 4-toluenesulfonylvaline (Menabue, L. (69) 217)

tsval, 4-toluenesulfonylvaline
HLBA, lactobionic acid [4-O-β-galactopyranosyl-D-gluconic acid]; LBA, lactobionictul monoanion; bpy, 2,2′bipyridine; M, Cu^{2+} or Ni^{2+}; tsgly, 4-toluenesulfonylglycine (Menabue, L. (69) 217)

Tyrosinase
Cell walls: Copper toxicity; *Neurospora crassa*; Nitrate utilization; Polyphenols (Suresh, K. (69) 209)

Uncoupling effect
Liver mitochondria; Trialkyllead; Toxicity (Bragadin, M. (69) 259)